

New Jersey Department of Transportation FY 2002 - 2003 Study and Development Program

ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

CR 528

Mantoloking Bridge

NS9309 NS9309

LOCATION/DESCRIPTION

600 feet west of the westerly shoreline in Brick Township easterly to 400 feet east of the easterly shoreline in Mantoloking Borough, bridge replacement

The Mantoloking Bridge carries CR 528 over Barnegat Bay; the project will extend from 600 feet west of the westerly shoreline to 400 feet east of the easterly shoreline. The bridge provides access to northern Ocean County beach communities and is an escape route in the event of coastal storms. The structure will be replaced; the movable span will be replaced with a double-leaf bascule structure with a vertical clearance in the closed position of 29 feet and a horizontal clearance of 80 feet. The roadway width will be 40 feet from curb to curb. The total project length is approximately 2200 feet; the new bridge length is approximately 1200 feet.

SPONSOR: Ocean County

COUNTY: Ocean

MILEPOSTS: N/A

STRUCTURE NO.: 1506006

MPO	Phase	Year
NJTPA	LFSD	2002

**Ocean County Bicycle Trail, Toms
River to Barnegat**

02375 02375

LOCATION/DESCRIPTION

SPONSOR: NJDOT

COUNTY: Ocean

MILEPOSTS: N/A

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	CD	2002
NJTPA	FA	2003

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ROUTE/PROGRAM	Project ID Numbers	
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Toms River Bridge

577

OC-55

LOCATION/DESCRIPTION

Proposed bridge over Toms River

This project will provide for the proposed Toms River Bridge that will improve traffic flow by providing one-way traffic flow for northbound motorists from Route 166 via Irons Street and reconnecting to Route 166.

The federal Transportation Equity Act for the 21st Century (TEA-21) provided funding for this project under Section 1601, High Priority Projects Program. The Act allocated \$2.25 M for this project. FY 2000 and FY2001 RABAs have increased the total authorization amount to \$2,309,253.

SPONSOR: Ocean County

COUNTY: Ocean

MILEPOSTS: N/A

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	LFSD	2002

9

(34) Westecunk Creek Bridge

94022

94022

LOCATION/DESCRIPTION

Bridge over Westecunk Creek, proposed rehabilitation or replacement

This project will provide for the proposed rehabilitation or replacement of the existing bridge (Structure 1501-155), which is in poor condition. The underside of the structure exhibits medium random cracks, efflorescence, large spalls, and exposed rusted rebars. The abutments and the center pier exhibit erosion, cracking and efflorescence. Initial contacts with Ocean County and Eagleswood Township officials indicates that they plan to install brick paver sidewalks and handicap ramps along Route 9 from the bridge south to Willits Avenue.

SPONSOR: NJDOT

COUNTY: Ocean

MILEPOSTS: 65.88

STRUCTURE NO.: 1501155

MPO	Phase	Year
NJTPA	FSD	2002

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ROUTE/PROGRAM

Project ID Numbers

DB No. TIP No.

9	Bay Avenue/Cedar Street, Drainage	96019	96019
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LOCATION/DESCRIPTION

An identified drainage problem results in periodic flooding at this location. Conditions noted were a build-up of sediment and debris in the drainage ditch, vegetation growing in the ditch which reduces the capacity and creates adverse backwater conditions on the upstream pipe system.

SPONSOR: NJDOT

COUNTY: Ocean

MILEPOSTS: 75.00 - 75.40

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FSD	2003

9	GSP Corridor Study	97080	97080
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LOCATION/DESCRIPTION

Route 9 and Garden State Parkway from Interchange 80 to Ocean/Burlington County border, planning study

This strategic corridor study involves Route 9, Garden State Parkway in Ocean County. This study will identify existing capacity problems and physical deficiencies along Route 9 and identify improvement needs to accommodate existing and future traffic demand.

SPONSOR: NJDOT

COUNTY: Ocean

MILEPOSTS: Rt. 9: 59.90 - 90.90

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	FA	2002

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ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

9	Kennedy Boulevard, safety improvement	02371	02371
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LOCATION/DESCRIPTION

This project will provide recommendations for safety improvements at the intersection of Route 9 and Kennedy Boulevard.

SPONSOR: NJDOT

COUNTY: Ocean

MILEPOSTS: 102.82

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	CD	2002
NJTPA	FA	2003

9	Lacey Road Intersection Improvements	97080A	97080A
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LOCATION/DESCRIPTION

This project will address proposed intersection improvements at Route 9 and Lacey Road.

SPONSOR: NJDOT

COUNTY: Ocean

MILEPOSTS: 81.65

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FSD	2003

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Project ID Numbers

DB No. TIP No.

9

Lakewood/Dover

076

076

LOCATION/DESCRIPTION

Indian Head Road to Main Street, corridor study

This corridor study will review the possible dualization and construction of new jughandles and possible construction of a new grade-separated interchange at Indian Head Road.

SPONSOR: NJDOT

COUNTY: Ocean

MILEPOSTS: 94.80 - 101.60

STRUCTURE NO.: 1504150 1504153 1504151

MPO	Phase	Year
NJTPA	CD	2002
NJTPA	FA	2003

9

Pohatcong Lake Dam

93270

93270

LOCATION/DESCRIPTION

This dam is classified as high-hazard, Class 1 by NJDEP-DSS. The proposed project will provide for the rehabilitation of the dam to address the following deficiencies: (1) construct a new spillway to meet the discharge carrying capacity of the two culverts, (2) proposed upstream embankment protection with steel sheet piling to minimize the damages to the downstream properties.

SPONSOR: NJDOT

COUNTY: Ocean

MILEPOSTS: 62.60

STRUCTURE NO.: 1501150 1501199

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FSD	2003

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ROUTE/PROGRAM	Project ID Numbers	
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35	Restoration, Berkley Twp. to Dover Twp. (MP 0-4)	9147A	9147A
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LOCATION/DESCRIPTION

The project involves pavement restoration and drainage improvements from Island Beach State Park to 6th Avenue in Dover Township. This project provides increased pavement cross slopes to improve the drainage collection; the replacement of pipes and inlets within the Route 35 corridor; and the construction of new pipes on the side streets west of Route 35. The new pipes from Route 35 will connect the roadway collection points to the discharge points into Barnegat Bay. Flap-valves will be provided at new discharge points to restrict the bay water from entering the pipes during a high tide.

In addition, the proposed improvements include realignment of the Route 35 southbound roadway. This realignment moves Route 35 out of the residential area. The ramp from Route 35 northbound into Seaside Heights Borough will be relocated to reroute vehicles to Grant Street rather than Sumner Avenue.

Sidewalks are proposed throughout the project limits. Crosswalks and the back-out areas will be constructed with a different material or texture to help to delineate the traveled way. Shoulder parking will be maintained; however, the shoulder widths will be increased to provide shared use for bicycles and parking.

SPONSOR: NJDOT

COUNTY: Ocean

MILEPOSTS: 0 - 4.0

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	FSD	2002

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ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

35	Restoration, Mantoloking to Point Pleasant (MP 9 - 12.5)	9147D	9147D
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LOCATION/DESCRIPTION

Curtis Point Drive to Delaware Avenue, drainage and shoulder restoration

The Initially Preferred Alternative includes rubblization of the existing PCC pavement with a nominal 6-inch bituminous concrete overlay; however, during Final Scope Development, the consultant will conduct a Life Cycle Cost Analysis to determine if rubblization is cost effective. Drainage improvements will include the addition of inlets and new piping in specific problem areas, one new outfall, reconstruction of six outfalls, resetting of existing inlets, construction of drainage appurtenances and reconstruction/reprofiling of the shoulders.

Improvements to the intersection of CR 528 include lengthening and widening of the left and right turn lanes on Route 35 to accommodate traffic volumes, lengthening approach tapers to current standards, and the installation of a new traffic signal.

Sidewalks will be added to areas where it is currently non-existent to provide a continuous walkway.

SPONSOR: NJDOT

COUNTY: Ocean

MILEPOSTS: 9.00 - 12.50

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	FSD	2002

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ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

70	Corridor 3, Deficiency Assess. & Concept Development, Horicon Ave to Rt. 9	97077	97077
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LOCATION/DESCRIPTION

This study will identify capacity and operational problems as well as physical deficiencies. This study will also develop a range of conceptual improvements to address these problems and deficiencies.

SPONSOR: NJDOT

COUNTY: Ocean

MILEPOSTS: 42.89 - 49.90

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	FA	2002

70	CR 637 Massachusetts Avenue	96048	96048
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LOCATION/DESCRIPTION

Proposed intersection improvements at Massachusetts Avenue

Proposed intersection improvements will include widening Route 70 to accommodate a left-turn lane and an additional through lane in each direction on Route 70. Left-turn arrows will also be added to the traffic signal operation. This project is proposed to be bicycle/pedestrian compatible.

SPONSOR: NJDOT

COUNTY: Ocean

MILEPOSTS: 49.20

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	FSD	2002

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ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

72	East Road	94071A	94071A
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LOCATION/DESCRIPTION

Garden State Parkway to Route 9, operational improvements

The proposed improvements include intersection reconfiguration with the installation of a median barrier to replace the existing grass median. The conversion to a median barrier will allow for the addition of a Route 72 westbound auxiliary lane and an eastbound outside shoulder while maintaining the existing curbline.

SPONSOR: NJDOT

COUNTY: Ocean

MILEPOSTS: 21.69 - 22.99

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	FSD	2002

72	Manahawkin Bay Bridges	00357	00357
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LOCATION/DESCRIPTION

Proposed replacement of the bridges over Manahawkin Bay

The structurally deficient structure is 2,400 feet long and carries four lanes of traffic and is in overall poor condition due to the condition of the superstructure. Fatigue cracks were observed in the steel floor beam webs at numerous locations during the 1995 inspection and painting operation for this bridge. Necessary retrofit was accomplished by drilling holes at the tip of the cracks in 1995. The 1999 inspection revealed propagation of cracks in the floorbeam webs and bracket connection angles beyond the holes drilled in 1995 and also development of additional fatigue cracks. Heavy pitting and section loss in stringers, floorbeams and thru-girders was noted at random locations. Replacement of this structure is recommended. This project is anticipated to be bicycle/pedestrian compatible.

SPONSOR: NJDOT

COUNTY: Ocean

MILEPOSTS: 26.70 - 27.10

STRUCTURE NO.: 1513152 1513151 1513153 1513154

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FA	2003

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ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

72	Ship Bottom	93265	93265
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LOCATION/DESCRIPTION

East Thorofare to Long Beach Boulevard, proposed reconfiguration of traffic patterns in Ship Bottom

A study will be conducted for a proposed revision of traffic patterns at Route 72 Causeway to accommodate large volumes of summer vacation traffic. It is anticipated this project will be bicycle/pedestrian compatible.

SPONSOR: NJDOT

COUNTY: Ocean

MILEPOSTS: 28.20 - 28.74

STRUCTURE NO.: 1513154

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FA	2003

88	Lakewood to Point Pleasant Boro Congestion Location	98429	98429
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LOCATION/DESCRIPTION

Intersection of Route 9 to West of Route 35, concept development

This area was identified by the Congestion Management System as one of the top 25 congestion locations statewide.

SPONSOR: NJDOT

COUNTY: Ocean

MILEPOSTS: 0 - 9.90

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	CD	2002
NJTPA	CD	2003